

EXHIBIT B

Project No.

Date Started

Object

691.2/1412 FEF
 Evaluation of Bulking agents (Guar, Tamarind, Locust Bean Gum)
 (Viscosity test)

OBJECTIVE: IS TO COMPLETE THE PATENT DATA
 EVALUATE THE BROOKFIELD VISCOSITY VS %RS

Procedure: 30 g of Guar, Locust Bean Gum or 50 g of tamarind dispersed in 800 (30% sol; 50% sol) cooked for 20 min. fully cooled down to 72°F, checked viscosity by Brook (20 rpm; spindle # 2)

SAMPLE	% RS	solids %	BROOKFIELD 72°F; 20 rpm	TYPE OF GUM
6231:15-1	10.0%	50.0%	900. cps	→ Tamarind
6231:101-2	15.0%		—	
6231:151-2	17.0%		300. cps	
6231:102	20.0%		260. cps	
6231:137	22.0%		240. cps	
6231:149	24.0%		150. cps	
6231:151-3	28.0%	↓	140 cps	
6231:168	8.0%	30%	5.600 cps	→ GUAR
6231:116	10.0%		3.800 cps	
6231:85-1	15.0%	↓	80. cps	
6231:134-1	20.0%		50. cps	
6231:87-2	33.0%	↓	20. cps	
6231:85-2	23.0%		36. cps	
STUNFIBER	(~8%)	30%	1.700 cps	
6231:113	35%	30%	20. cps	→ Locust Bean Gum
6231:134-2	38%	30%	20. cps	
8698:15-1	9.0	30%	6.000 cps	
8698:16-1	10.4		2.100 cps	
8465:29-3	12.0		3.780 cps (not present)	

WORK OF:

DATE:

WITNESS THIS DOCUMENT AND UNDERSTAND ITS CONTENTS

Signature

Date

10:14

STATUS REPORT

LOG NUMBER : 900129500
SUBMITTER : M.HENLEY
SAMPLE I.D. : 6231:137

CAG CONTACT :
CC RESULTS TO : CPI/THW/D JANIK/FILE
PROBLEM OR PROJECT : LOW BANK GPC REPORT MW AND % COMPOSITION OF MAJOR PEAKS
OF THIS DEGRADED TAMRIND SAMPLE
SAMPLE COMPOSITION : DEGRADED TAMARIND DE= 24

ANALYSIS	DESCRIPTION	SPECIFIC INFORMATION NEEDED
=====	=====	=====
GPC	GEL PERMEATION CHROMATOGRAPHY	MW AND COMPOSITION

TEST : GPC

ACTUAL ANALYST : HOLLEYWOOD
ACTUAL INSTRUMENT : WATERS 150C
REF. NOTEBOOK NUMBER : 6615-73
DATE COMPLETED :

COLUMN 2PLGEL MIXED + 2PLGEL 500, DMSO/0.03M NANO3, 0.7ML/MIN, DEXTRAN STD
SAMPLE ~~PK1-MW(%)~~ ~~PK2MW(%)~~ ~~PK3MW(%)~~
6231-137 2758(11.4%) 1095(82.0%) 130(5.4%)

CHROMATOGRAM IS ATTACHED.



C.A.G.
=====

15:08

STATUS REPORT

LOG NUMBER : 900321200
SUBMITTER : D. JANIK
SAMPLE I.D. : 6698:16-1,6698:16-2,6231:134-1

CAG CONTACT :
CC RESULTS TO : CPI/THW/M.HENLEY/FILE
PROBLEM OR PROJECT : GPC OF SAMPLES (LOW BANK).REPORT MAJOR PEAKS MW AND
AREA %.
SAMPLE COMPOSITION : ENZYME DEGRADED GUAR GUM.

ANALYSIS	DESCRIPTION	SPECIFIC INFORMATION NEEDED
=====	=====	=====
GPC	GEL PERMEATION CHROMATOGRAPHY	LOW BANK

TEST : GPC

ACTUAL ANALYST : HOLLEYWOOD
ACTUAL INSTRUMENT : WATERS 150C
REF. NOTEBOOK NUMBER : 6615-84
DATE COMPLETED :

COLUMN 2 PLGEL MIXED + 2PLGEL 500, DMSO/0.03M NANO3, 0.7ML/MIN, CAL STD
DEXTRAN.

SAMPLE	PK-1-MW(%)	PK2 MW(%)	PK3-MW(%)	PK4-MW(%)	PK5 MW(%)
6698-16-1	15,092(72.4)	1173(7.5)	422(8.4)	309(5.4)	211(2.9)
16-2	14,827(70.5)	1163(7.7)	425(8.1)	309(5.0)	210(3.0)
6231-134-1	4,950(72.5)	1122(14.2)	429(3.5)	313(4.0)	212(5.9)

CHROMATOGRAMS ARE ATTACHED.

.